



Kewaunee Nuclear Power Plant
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Kewaunee, WI 54216-9511
920 388 2560

Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, WI 54241
920.755 2321

Kewaunee / Point Beach Nuclear
Operated by Nuclear Management Company, LLC

NRC-02-097

October 22, 2002

10 CFR 50, App. E

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Radiological Emergency Response Plan Implementing Procedures

Pursuant to 10 CFR 50 Appendix E, attached is the latest revisions to the Kewaunee Nuclear Power Plant Radiological Emergency Response Plan Implementing Procedures (EPIPs). These revised procedures supersede the previously submitted procedures.

Pursuant to 10 CFR 50.4, two additional copies of this letter and attachment are hereby submitted to the Regional Administrator, U. S. Nuclear Regulatory Commission, Region III, Lisle, Illinois. As required, one copy of this letter and attachment is also submitted to the Kewaunee Nuclear Power Plant NRC Senior Resident Inspector.

Sincerely,

Thomas J. Webb
Regulatory Affairs Manager

SLC

Attachment

cc - US NRC Senior Resident Inspector, w/attach.
US NRC, Region III (2 copies), w/attach.
Electric Division, PSCW, w/o attach.
QA Vault, wo/attach.

A0045

DOCUMENT TRANSMITTAL

KEWAUNEE NUCLEAR POWER PLANT

FROM: DIANE FENCL - KNPP

TRANSMITTAL DATE 10-17-2002

EMERGENCY PLAN IMPLEMENTING PROCEDURES TRANSMITTAL FORM

OUTSIDE AGENCY COPIES (1-20)

T. Webb - NRC Document Control Desk (1)*
T. Webb - NRC Region III (2,3)*
T. Webb - NRC Resident Inspector (4) (receives Appx. A phone numbers)*
T. Webb - State of Wisconsin (5)*
T. Webb - KNPP QA Vault (NRC Letter & Memo Only) (15)*
Krista Kappelman - PBNP - EP (10)*
Craig Weiss - Alliant Energy (11)*
Jill Stern - Nuclear Management Company (12)*

PERSONAL COPIES (21-40) These copies are for the personal use of the listed individuals for reference or emergency response.

J. Bennett (33) D. Seebart (24) J. Ferris (13) T. Coutu (28)

REFERENCE COPIES - CUSTODIAN (41-100) These copies are for general reference by anyone. They are distributed throughout the plant and corporate offices. The named individual is the responsible custodian for the procedures and shall insure they are properly maintained.

NO Library - KNPP (59)	Resource Center - Training (82)
C. Sternitzky - ATF-2 (44)	D. Krall - CR/SS Office (51, 56)
M. Daron - Security Building (46)	C. Grant - TSC (50)
C. Grant - EOF (81)	W. Galarneau - RAF (53)
C. Grant - OSF (52)	W. Galarneau - SBF/EMT (54)
LOREB - STF (62, 66, 67, 68, 70, 72, 73, 74)	W. Galarneau - RPO (55)
STF Library (43)	STF (86, 87, 88)

WORKING COPIES (101-199) These copies of procedures are kept in the areas designated for use in response to an emergency.

W. Galarneau - RAF/RPO (106, 107)	Simulator/Communicator (117)
W. Galarneau - SBF/ENV (108, 109)	M. Fencl - Security (121)
W. Galarneau - SBF/EM Team (110, 111, 111A)	M. Kuether - Security Building (120)
W. Flint - Cold Chem/HR Sample Room (113)	Ops Admin. (126)
M. Kuether - SBF/SEC (114)	C. Grant - TSC Response Binder (Partial Distribution)
D. Krall - CR/Communicator (116) (Partial Distribution)	C. Grant - EOF Response Binder (Partial Distribution)

Originals to KNPP QA Vault

Please follow the directions when updating your EPIP Manual. **WATCH FOR DELETIONS!!!** These are controlled procedures and random checks may be made to ensure the manuals are kept up-to-date.

***THIS IS NOT A CONTROLLED COPY. IT IS A COPY FOR INFORMATION ONLY.**

**KEWAUNEE NUCLEAR POWER PLANT
REVISION OF EMERGENCY PLAN IMPLEMENTING PROCEDURES
October 17, 2002**

Please follow the directions listed below. If you have any questions regarding changes made to the EIPs, please contact Dave Seebart at ext. 8719.

EPIP Index, dated 10-17-2002.

REMOVE		INSERT	
PROCEDURE	REV.	PROCEDURE	REV.
EPIP-RET-04	S	EPIP-RET-04	T

Return a signed and dated copy of this transmittal letter, within 10 days of transmittal date, to the sender. If you have any questions or comments, please contact Dave Seebart at ext. 8719.

I CERTIFY Copy No. _____ (WPSC No.) of the
Kewaunee Nuclear Power Plant's EIPs has been
updated.

SIGNATURE

DATE

Please return this sheet to **DIANE FENCL**.

Diane Fencil

Enclosure

EMERGENCY PLAN IMPLEMENTING PROCEDURES**INDEX****DATE: 10-17-2002**

PROC. NO.	TITLE	REV.	DATE
EP-AD			
EPIP-AD-01	Personnel Response to the Plant Emergency Siren	J	01-08-2002
EPIP-AD-02	Emergency Class Determination	AD	07-19-2002
EPIP-AD-03	KNPP Response to an Unusual Event	AF	06-20-2002
EPIP-AD-04	KNPP Response to Alert or Higher	AK	08-20-2002
EP-AD-5	Site Emergency	Deleted	04-27-87
EPIP-AD-05	Emergency Response Organization Shift Relief Guideline	D	05-09-2002
EP-AD-6	General Emergency	Deleted	04-24-87
EPIP-AD-07	Initial Emergency Notifications	AR	06-20-2002
EP-AD-8	Notification of Alert or Higher	Deleted	02-26-96
EP-AD-9	Notification of Site Emergency	Deleted	04-27-87
EP-AD-10	Notification of General Emergency	Deleted	04-27-87
EPIP-AD-11	Emergency Radiation Controls	R	04-11-2002
EP-AD-12	Personnel Assembly and Accountability	Deleted	03-26-94
EP-AD-13	Personnel Evacuation	Deleted	04-25-94
EP-AD-13A	Limited Area Evacuation	Deleted	03-01-83
EP-AD-13B	Emergency Assembly/Evacuation	Deleted	03-01-83
EP-AD-13C	Site Evacuation	Deleted	03-01-83
EP-AD-14	Search and Rescue	Deleted	05-25-94
EPIP-AD-15	Recovery Planning and Termination	P	09-12-2002
EP-AD-16	Occupational Injuries or Vehicle Accidents During Emergencies	Deleted	03-14-97
EP-AD-17	Communications	Deleted	03-05-84
EPIP-AD-18	Potassium Iodide Distribution	P	02-27-2002
EPIP-AD-19	Protective Action Guidelines	Q	11-27-2001

EMERGENCY PLAN IMPLEMENTING PROCEDURES**INDEX****DATE: 10-17-2002**

PROC. NO.	TITLE	REV.	DATE
EPIP-AD-20	KNPP Response to a Security Threat	C	05-23-2002
EP-ENV			
EPIP-ENV-01	Environmental Monitoring Group Organization and Responsibilities	W	08-20-2002
EPIP-ENV-02	Environmental Monitoring Team Activation	X	10-02-2001
EP-ENV-3A	Environmental Protection Director Actions and Directives	Deleted	09-26-84
EP-ENV-3B	EM Team Actions	Deleted	09-26-84
EPIP-ENV-03C	Dose Projection Using RASCAL Version 2.2 Software	W	08-20-2002
EP-ENV-3D	Revision and Control of ISODOSE II	Deleted	02-14-95
EP-ENV-3E	Manual Determination of X/Q	Deleted	04-24-87
EP-ENV-3F	Manual Determination of X/Q (Green Bay Meteorological Data)	Deleted	05-30-86
EP-ENV-3G	Manual Dose Projection Calculation	Deleted	06-02-89
EP-ENV-3H	Protective Action Recommendations	Deleted	04-13-90
EPIP-ENV-04A	Portable Survey Instrument Use	T	08-20-2002
EPIP-ENV-04B	Air Sampling and Analysis	X	08-20-2002
EP-ENV-4C	Environmental Monitoring Teams	Deleted	04-13-90
EPIP-ENV-04C	Ground Deposition Sampling and Analysis	X	08-20-2002
EPIP-ENV-04D	Plume Tracking for Environmental Monitoring Teams	O	08-20-2002
EP-ENV-5A	LCS-1 Operation	Deleted	04-14-86
EP-ENV-5B	MS-3 Operation	Deleted	04-14-86
EP-ENV-5C	SAM II Operation	Deleted	04-14-86
EP-ENV-5D	PAC-4G (Alpha Counter) Operation	Deleted	04-14-86
EP-ENV-5E	Reuter-Stokes Operation	Deleted	08-27-85

EMERGENCY PLAN IMPLEMENTING PROCEDURES**INDEX****DATE: 10-17-2002**

PROC. NO.	TITLE	REV.	DATE
EP-ENV-6	Data Analysis, Dose Projections and Protective Action Recommendations	Deleted	12-21-81
EP-ENV-6	Alternate Sample Analysis and Relocation of EM Team	Deleted	04-14-86
EP-ENV-6A	Relocation of Site Access Facility (Habitability)	Deleted	03-23-84
EP-ENV-6B	SAF Environmental Sample Analysis Relocation	Deleted	03-23-84
EP-ENV-7	Site Access Facility Communications	Deleted	09-26-84
EP-ENV-8	Total Population Dose Estimate Calculations	Deleted	04-14-86
EP-EOF			
EP-EOF-1	Corporate Emergency Response Organization	Deleted	03-11-94
EPIP-EOF-02	Emergency Operations Facility (EOF) Activation	AA	08-06-2002
EPIP-EOF-03	EOF Staff Action for Unusual Event	AC	02-06-2002
EPIP-EOF-04	EOF Staff Action for Alert or Higher	AJ	08-06-2002
EP-EOF-5	Corporate Staff Action for Site Emergency	Deleted	04-24-87
EP-EOF-6	Corporate Staff Action for General Emergency	Deleted	04-24-87
EP-EOF-7	Notification of Unusual Event	Deleted	04-06-94
EP-EOF-8	Relocation of EOF	Deleted	03-01-83
EPIP-EOF-08	Continuing Emergency Notifications	X	06-20-2002
EP-EOF-9	Interface with Support Organizations	Deleted	03-05-84
EP-EOF-9	Notification of Site Emergency	Deleted	04-24-87
EP-EOF-10	Notification of General Emergency	Deleted	04-24-87
EPIP-EOF-11	Internal Communication and Documentation Flow	U	11-15-2001
EPIP-EOF-12	Media Center/Emergency Operation Facility/Joint Public Information Center Security	Q	06-20-2002

EMERGENCY PLAN IMPLEMENTING PROCEDURES

INDEX

DATE: 10-17-2002

PROC. NO.	TITLE	REV.	DATE
EP-OP			
EP-OP-1	Control Room Emergency Organization	Deleted	04-24-87
EP-OP-2	Emergency Control Room Activation for Emergency Response	Deleted	04-24-87
EP-OP-3	Control Room Communications	Deleted	04-24-87
EP-OSF			
EP-OSF-1	Operation Support Facility Emergency Organization	Deleted	04-24-87
EPIP-OSF-02	Operational Support Facility Operations	U	02-06-2002
EPIP-OSF-03	Work Orders During an Emergency	P	05-09-2002
EP-OSF-4	Operational Support Facility Communications	Deleted	04-24-87
EPIP-OSF-04	Search and Rescue	E	05-23-2002
EP-RET			
EP-RET-1	Radiation Emergency Team Organization	Deleted	04-16-96
EPIP-RET-02	In-Plant Radiation Emergency Team	V	05-23-2002
EPIP-RET-02A	Radiation Protection Office/Radiological Analysis Facility (RPO/RAF) Activation	T	11-29-2001
EPIP-RET-02B	Gaseous Effluent Release Path, Radioactivity, and Release Rate Determination	S	08-06-2002
EP-RET-2C	Containment Air Sampling and Analysis	Deleted	03-01-83
EPIP-RET-02D	Emergency Radiation Entry Controls and Implementation	M	06-12-2001
EP-RET-2E	Handling of Injured Personnel	Deleted	04-16-96
EP-RET-2F	Personnel Decontamination	Deleted	04-13-90
EPIP-RET-03	Chemistry Emergency Team	O	02-01-2000
EPIP-RET-03A	Liquid Effluent Release Paths	L	11-29-2001
EP-RET-3B	Post-Accident Reactor Coolant Alternate Sampling Procedure	Deleted	01-25-88

EMERGENCY PLAN IMPLEMENTING PROCEDURES

INDEX

DATE: 10-17-2002

PROC. NO.	TITLE	REV.	DATE
EPIP-RET-03C	Post Accident Operation of the High Radiation Sample Room	P	01-15-2002
EPIP-RET-03D	Containment Air Sampling Analysis Using CASP	N	01-15-2002
EP-RET-3E	Post Accident Operation of High Rad Sample Room Inline Multiported Count Cave	Deleted	08-27-85
EPIP-RET-04	SBF Activation	T	10-17-2002
EP-RET-4A	EOF Radiological Monitoring	Deleted	03-10-83
EPIP-RET-04A	SBF Operation/Relocation	Deleted	10-02-2001
EP-RET-4B	Radiological Controls at Site Access Facility	Deleted	07-12-94
EP-RET-4C	Site Radiological Monitoring	Deleted	07-12-94
EP-RET-4D	SAM-II Operation	Deleted	07-12-94
EP-RET-5	Plume Projection	Deleted	09-26-84
EPIP-RET-05	Site Boundary Dose Rates During Controlled Plant Cooldown	H	10-09-2001
EP-RET-5A	Plume Projection	Deleted	04-27-87
EP-RET-6	Dose Projection	Deleted	04-24-87
EP-RET-7	Radiological Analysis Facility/Radiation Protection Office Communications	Deleted	04-24-87
EPIP-RET-08	Contamination Control of the Aurora Medical Center	Deleted	05-23-2002
EPIP-RET-09	Post-Accident Population Dose	L	04-16-2002
EP-SEC			
EP-SEC-1	Security Organization	Deleted	04-24-87
EPIP-SEC-02	Security Force Response to Emergencies	X	02-06-2002
EP-SEC-2A	Manual Activation of Emergency Sirens	Deleted	04-16-82
EPIP-SEC-03	Personnel Assembly and Accountability	AE	07-19-2002
EPIP-SEC-04	Security Force Actions for Dosimetry Issue	P	10-02-2001

EMERGENCY PLAN IMPLEMENTING PROCEDURES

INDEX

DATE: 10-17-2002

PROC. NO.	TITLE	REV.	DATE
EP-SEC-5	Security Force Response to the EOF	Deleted	07-28-88
EPIP-SEC-05	Personnel Evacuation	G	06-20-2002
EP-TSC			
EPIP-TSC-01	Technical Support Center Organization and Responsibilities	R	08-06-2002
EPIP-TSC-02	Technical Support Center Activation	T	02-06-2002
EPIP-TSC-03	Plant Status Procedure	V	10-09-2001
EPIP-TSC-04	Emergency Physical Changes, Major Equipment Repair	N	05-09-2002
EP-TSC-5	Technical Support Center Communications Equipment	Deleted	04-24-87
EP-TSC-6	Assessment of Reactor Core Damage	Deleted	09-30-86
EPIP-TSC-07	RV Head Venting Time Calculation	J	06-20-2002
EPIP-TSC-08A	Calculations for Steam Release from Steam Generators	N	12-14-2001
EPIP-TSC-08B*	STMRLS Computer Program	G	06-20-2002
EP-TSC-8C*	See EP-TSC-8B	Deleted	04-16-92
* EP-TSC-8B was totally deleted; therefore, EP-TSC-8C was changed to EP-TSC-8B			
EP-TSC-9	Core Damage Assessment Using Released Radionuclides	Deleted	09-30-86
EPIP-TSC-09A*	Core Damage Assessment	J	05-16-2002
EPIP-TSC-09B*	CORE Computer Program	Deleted	05-16-2002
EP-TSC-9C*	See EP-TSC-9B	Deleted	04-16-92
* EP-TSC-9A, Rev. D was totally deleted; therefore, EP-TSC-9B became EP-TSC-9A. EP-TSC-9B was previously EP-TSC-9C.			
EPIP-TSC-10	Technical Support for IPEOPs	K	05-09-2002

EMERGENCY PLAN IMPLEMENTING PROCEDURES

INDEX

DATE: 10-17-2002

FIGURES					
EPIP	FIG #	Figure EPIPFG	DESCRIPTION	REV.	DATE
EP-SEC-5 EPIP-APPX-A-06	EP-FIG-003	APPX-A-06-03	Technical Support Center - KNP Floor Plan	B	06-12-2001
EPIP-APPX-A-06	EP-FIG-005	APPX-A-06-02	Site Boundary Facility - KNP Floor Plan	A	10-31-2000
EPIP-APPX-A-06	EP-FIG-008	APPX-A-06-01	Radiological Analysis Facility - KNP Floor Plan	A	10-31-2000
EPIP-EOF-12 Form EPIPF-EOF-02-01	EP-FIG-009	EOF-12-01	Division Office Building (2nd Floor) Floor Plan	B	10-24-2000
EPIP-APPX-A-06	EP-FIG-012	APPX-A-06-08	State/County Work Area - WPSC D2-1 Floor Plan	C	10-31-2000
EPIP-APPX-A-06	EP-FIG-013	APPX-A-06-09	NRC Work Area - WPSC D2-4 Floor Plan	A	10-31-2000
EPIP-AD-19	EP-FIG-014	AD-19-01	Population Distribution by Geographical Sub-Areas (with sectors)	A	10-31-2000
EPIP-APPX-A-06	EP-FIG-022	APPX-A-06-04	EOF - WPSC D2-3 Floor Plan	C	10-30-2001
EPIP-EOF-12	EP-FIG-024	EOF-12-02	Location of JPIC and Media Briefing Center Map	C	06-20-2002
EP-SEC-5	EP-FIG-026	SEC-05-01	KNP Site Map & Evacuation Routes	C	06-20-2002
APPX-A-6	EP-FIG-034	---	Floor Plan - Media Briefing Center	Deleted	08-04-98
EPIP-EOF-12 EPIP-APPX-A-06	EP-FIG-035	APPX-A-06-06	General Office Building - WPSC (1st Floor) Floor Plan	C	10-24-2000
APPX-A-6	EP-FIG-037	---	Floor Plan - Corporate Response Center	Deleted	08-04-98
APPX-A-6	EP-FIG-038	---	Floor Plan - JPIC	Deleted	08-04-98
EPIP-OSF-02	EP-FIG-039	OSF-02-01	High Priority Work	A	10-02-2001
EPIP-OSF-02	EP-FIG-039A	OSF-02-02	Lower Priority Work	A	10-02-2001
EPIP-APPX-A-06	EP-FIG-043	APPX-A-06-10	JPIC - Federal Work Area - WPSC D2-9	B	12-21-2001
EPIP-APPX-A-06	EP-FIG-044	APPX-A-06-07	JPIC - State and County Work Area - WPSC D2-8	C	12-21-2001
EPIP-APPX-A-06	EP-FIG-045	APPX-A-06-05	JPIC - Utility Work Area - WPSC D2-7	C	12-21-2001
RET-08	EP-FIG-046	RET-08-01	Aurora Medical Center Location	Deleted	05-23-2002
EPIP-APPX-A-02	---	APPX-A-02-01	ERO Call Tree	Deleted	12-04-2001

EMERGENCY PLAN IMPLEMENTING PROCEDURES

INDEX

DATE: 10-17-2002

NUMBER	TITLE	REVISION	DATE
	APPENDIX A		
APPX-A-1	Communication System Description	AF	08-04-98
EPIP-APPX-A-02	Response Personnel Call List	Deleted	02-06-2002
EPIP-APPX-A-03	Off-Site Telephone Numbers	Deleted	02-06-2002
EPIP-APPX-A-06	KNPP Emergency Response Facility Telephone Numbers	AA	12-21-2001

EMERGENCY PLAN IMPLEMENTING PROCEDURES**INDEX****DATE: 10-17-2002**

FORM EPIPF	TITLE	REV.	DATE
APPENDIX B			
EP-AD			
AD-07-01	Event Notice (Wisconsin Nuclear Accident Reporting Form)	S	05-23-2002
AD-07-02	State Call-Back - Question Guideline	C	11-15-2001
AD-11-01	Emergency Radiation Work Permit	G	04-11-2002
AD-18-01	Airborne Radioiodine Dose Accountability and Potassium Iodide Distribution	B	08-06-2002
AD-18-02	Record of Known Allergy To or Voluntary Refusal to Take Potassium Iodide	A	02-27-2002
EP-ENV			
ENV-01-01	Environmental Dispatch Area Activation Checklist	D	10-31-2000
ENV-01-02	EMT Status	B	10-31-2000
ENV-01-03	Meteorological and Plant Status Data	C	12-14-2001
ENV-01-04	EMT Orders/Field Data	B	10-31-2000
ENV-02-01	EMT Activation Checklist	N	08-20-2002
EP-EOF			
EOF-02-01	EOF Activation Checklist	T	08-06-2002
EOF-02-02	EOF Deactivation Checklist	M	08-06-2002
EOF-04-01	SRCL Initial Action Checklist	C	12-14-2001
EOF-04-02	Telephone Communications Log Sheet	A	12-14-2001
EOF-08-03	Fax for Emergency Declaration or Status Updates	G	11-27-2001
EOF-08-05	Plant Emergency Status Report	A	11-27-2001
EOF-08-06	Radiological Status Report	D	11-27-2001
EOF-11-02	Operating Status	F	11-15-2001
EOF-11-03	Environmental Status Board	F	11-15-2001
EOF-12-01	I.D. Badge Registration Form	G	10-24-2000

EMERGENCY PLAN IMPLEMENTING PROCEDURES**INDEX****DATE: 10-17-2002**

FORM EPIPF	TITLE	REV.	DATE
EP-OSF			
OSF 2.2	Maintenance Work in Progress	Deleted	07-08-98
OSF-03-01	Operational Support Facility Team Briefing	C	12-04-2001
EP-RET			
RET-02A-02	Emergency Sample Worksheet	E	06-05-2001
RET-02B-01	Containment Stack Release (Grab Sample)	D	08-06-2002
RET-02B-02	Auxiliary Building Stack (Grab Sample)	D	08-06-2002
RET-02B-03	Auxiliary Building Stack (Sping Reading)	D	08-06-2002
RET-02B-04	Containment Stack (Sping Reading)	C	08-06-2002
RET-02B-05	Steam Release	D	08-06-2002
RET-02B-06	Field Reading (Grab Sample)	B	08-06-2002
RET-04-01	SAM-2 Counting Equipment Worksheet	E	06-12-2001
RET 8.3	Hospital Survey 1	Deleted	06-05-2001
RET 8.4	Hospital Survey 2	Deleted	07-25-97
RET 8.5	Hospital Survey 3	Deleted	07-25-97
RET-08-06	Hospital Survey 4	Deleted	05-23-2002
RET-09-01	Post-Accident TLD Record Sheet	D	04-16-2002
EP-SEC			
SEC-03.01	Emergency Accountability Log	A	03-28-2000
SEC-04-01	Emergency Dosimeter Log	G	06-20-2002
EP-TSC			
TSC-01.01	Plant Status Summary for SAM Implementation	B	02-06-2002
TSC-01.02	Severe Accident Management Summary and Strategy Recommendation	B	02-06-2002
TSC-01.03	Severe Accident Management – Status	B	02-06-2002
TSC-02-01	TSC and OSF Activation Checklist	O	09-27-2001

EMERGENCY PLAN IMPLEMENTING PROCEDURES

INDEX

DATE: 10-17-2002

FORM EPIPF	TITLE	REV.	DATE
TSC 2.2	TSC Ventilation Checklist	H	04-01-99
TSC-02-03	Emergency Response Data System (ERDS) Link Initiation Checklist	G	05-04-2001
TSC-02-04	TSC Chart Recorder Operation Checklist	D	01-30-2001
TSC-02-05	TSC and OSF De-activation Checklist	A	10-09-2001
TSC-03-01	Plant System Status	L	06-12-2001
TSC-03-02	Plant Equipment Status	L	06-12-2001
TSC-03-03	Environmental Status Board	J	06-12-2001
TSC-03-04	Radiation Monitors	I	01-08-2002
TSC-04-01	Emergency Physical Change Request	G	05-09-2002
TSC-04-02	Emergency Physical Change Safety Review	Deleted	05-09-2002
TSC-04-03	Emergency Physical Change Index	F	08-29-2000
TSC-07-01	Head Venting Calculation	G	06-20-2002
TSC-08A-01	Steam Release Data Sheet (Energy Balance)	H	12-14-2001
TSC-08A-02	Steam Release Calculation Sheet (Energy Balance)	G	12-14-2001
TSC-08A-03	Steam Release Data/Calculation Sheet (Open Valve)	E	12-14-2001
TSC-08A-04	Steam Release Data/Calculation Sheet (STMRLS Program)	D	12-14-2001
TSC-09A-01	Core Exit Thermocouple Data	D	05-16-2002
TSC-09A-02	Fuel Rod Clad Damage Estimate	D	05-16-2002
TSC-09A-03	Fuel Rod Overtemperature Damage Estimate	E	05-16-2002
TSC 9A.4	Core Damage Based on Activity Ratios	Deleted	05-16-2002
TSC-09A-05	Core Damage Assessment (Monitoring Data)	E	05-16-2002
TSC 9A.6	Core Damage Summary	Deleted	05-16-2002

WISCONSIN PUBLIC SERVICE CORP.		No. EPIP-RET-04	Rev. T
Kewaunee Nuclear Power Plant		Title SBF Activation	
Emergency Plan Implementing Procedure		Date OCT 17 2002	Page 1 of 4
Reviewed By Wayne Galameau		Approved By W. L. Yarosz	
Nuclear Safety Related	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PORC Review Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		SRO Approval Of Temporary Changes Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

1.0 Purpose

- 1.1 This procedure provides instruction for the steps to be taken to fully activate the Site Boundary Facility (SBF).

2.0 General Notes

- 2.1 None

3.0 Precautions and Limitations

- 3.1 None

4.0 Initial Conditions

- 4.1 The Environmental Monitoring Team (EMT) has been activated.

5.0 Procedure

5.1 Site Boundary Facility (SBF) Coordinator

- 5.1.1 At the declaration of an Alert or higher, the first available Radiation Protection Technologist in the Radiation Protection Office/Radiological Assessment Facility (RPO/RAF) will perform the following activities to activate the SBF:

1. Obtain the keys to the facility doors and cabinets from the RPO.
2. Take copies of the current crew dose and deliver to the EMTs.
3. Report to the SBF and open the facility.
4. Assume the duties of the Site Boundary Facility Coordinator.
5. Activate the SBF as described below.

5.2 Facility Activation

- 5.2.1 Source check the portable survey instrument.
- 5.2.2 Perform background and efficiency checks on the counting equipment and record on appropriate counting worksheets.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant Emergency Plan Implementing Procedure	No.	EPIP-RET-04	Rev.	T
	Title	SBF Activation		
	Date	OCT 17 2002	Page 2 of 4	

- 5.2.3 Set up the PPM-1 Portal Monitor in accordance with HP-06.085, "Instrument Operating Procedure - PPM-1 Portable Personnel Monitor."
- 5.2.4 Perform radiation and contamination surveys at the SBF to establish base line radiological conditions.
- 5.2.5 Assist the Emergency Monitoring Teams with set-up or replacement of instrumentation as requested.
- 5.2.6 Notify the Radiation Protection Director (RPD) that the SBF is activated.
- 5.2.7 IF conditions change, THEN update the RPD with the status of radiological conditions at the SBF.

Note

The SAM-2 is used as a back-up counting system (single channel analyzer) in case the MCA in the plant is NOT operable or silver zeolite cartridges can NOT be counted by MCA at the Point Beach Nuclear Plant to determine Iodine-131 concentrations.

- 5.2.8 The SAM-2 is maintained in a "powered-up" and "ready-to-go" condition at all times with only the display turned off. (IF this is NOT the case, THEN set up the SAM-2 in accordance with HP-06.007, "Instrument Operating Procedure - SAM-2.")
- 5.2.9 If needed, use the SAM-2 to determine Iodine-131 concentrations.

5.3 Dosimetry

- 5.3.1 IF arriving ERO personnel do NOT have plant issued dosimetry, THEN issue emergency dosimetry stored in the SBF.
- 5.3.2 For EMT members that will monitor the plume, direct them to read their dosimeters as follows:
 - 5.3.2.1 IF a release occurs OR is in progress, THEN read dosimeters at a minimum of every 15 minutes, more often as radiation levels dictate.
 - 5.3.2.2 Advise the RPO/RAF (or Emergency Operations Facility (EOF) when activated) of dosimeter readings every hour OR when 100 mrem is accumulated.
- 5.3.3 Instruct personnel remaining in the SBF to perform the following:
 1. Periodically monitor their Self Reading Dosimeters (SRDs).
 2. Report dose readings of 100 mrem to the SFB Coordinator.
 3. IF the dosimeter reads $\frac{3}{4}$ scale or greater, THEN have the dosimeter re-zeroed by the SBF Coordinator.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant Emergency Plan Implementing Procedure	No.	EPIP-RET-04	Rev.	T
	Title	SBF Activation		
	Date	OCT 17 2002	Page 3 of 4	

4. Log the dose on Form EPIPF-SEC-04-01 "Emergency Dosimetry Log Security."

5. Report dose increments of 100 mrem to the RPD.

5.4 SBF Radiation Surveys

5.4.1 If the SBF should become contaminated, then follow normal RP procedures to prevent the spread of contamination.

5.4.2 IF advised that a release is in progress OR has occurred, THEN perform radiation surveys of the SBF.

5.4.3 Advise the RPD immediately of elevated radiation or contamination readings in the SBF.

5.5 SBF Relocation

5.5.1 IF the SBF becomes uninhabitable OR ineffective due to radiation levels or contamination, THEN contact the ED or RPD and consider relocation of the SBF.

5.5.2 If relocation is deemed necessary, then determine the new location of the SBF.

5.5.3 Collect the following and move it to the new SBF location:

- All Portable Instruments
- TLDs and TLD issue sheets
- Status Board Sheets
- Radios and associated equipment
- Potassium Iodide Tablets
- Emergency Plan and Emergency Plan Implementing Procedures
- Dosimeters and Changers
- Swipe packets
- Phone lists
- Calculator
- Step-off Pads
- Rad Bags
- Lab coats
- Gloves
- Shoe covers

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>	No.	EPIP-RET-04	Rev.	T
	Title	SBF Activation		
	Date	OCT 17 2002	Page 4 of 4	

5.5.4 Report to the new location.

5.5.5 Set up instruments and radiological controls.

5.5.6 Inform the RPD when the SBF has been relocated and re-established.

6.0 Final Conditions

- 6.1 Plant Emergency has been Terminated or Recovery actions have begun and the Emergency Response Manager has suspended the use of EPIPs.

7.0 References

- 7.1 EPIP-AD-04, KNPP Response to Alert or Higher
- 7.2 HP-06.007, Instrument Operating Procedure - SAM-2
- 7.3 HP-06.085, Instrument Operating Procedure - PPM-1 Portable Personnel Monitor

8.0 Records

- 8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

- Counting System Worksheet, Form HPF-100 (i.e., MS-3)
- SAM-2 Counting Equipment Worksheet, Form EPIPF-RET-04-01
- Emergency Dosimetry Log Security, Form EPIPF-SEC-04-01

8.1.2 Non-QA Records

None